

TRUSTED RAFFLE™ - Ultimate Raffle Drawing System

To respond to ever more sophisticated gaming industry needs, Szrek2Solutions developed a new multidimensional raffle drawing system – Trusted Raffle™. In order to ensure highest level of raffle draw transparency, Szrek2Solutions implemented Trusted Raffle on its field proven Trusted Play platform. To avoid draw integrity problems¹ Trusted Raffle drawing system comes with Trusted Audit, ensuring security and providing mathematical proof of correctness of the draw. Trusted Audit system proves that a draw was conducted honestly; with no bias; that the winning numbers were chosen from the right range; that the draw took place at the correct time; and each draw can be accounted for. The same platform used for raffle will also generate draws for all other games and support future games.

Seemingly simple raffle game can have many variations and require multiple types of support. The simplest case is based on drawing several prizes randomly from a range of integer numbers, where low range corresponds to the first ticket sold and the high range to the last ticket. More complex case may have multiple ranges, or some tickets inside the range may be missing (unsold or cancelled), or there may be no range, but a pool of numbers or records to choose the winners from. In the last case draw system needs to import a bet file to pick the winners from.

For some games raffle drawing may be based on the content of wager transactions. In some cases, in order to ensure security of a raffle draw, it is required to ensure a one-to-one relation between actual tickets sold and raffle number drawn. In these cases raffle draw system can be connected to the game server (on-line system) and draws can be triggered by the game system, in other cases it can be a stand alone system, with draws conducted manually by lottery personnel.

After the draw is held winning numbers need to be presented to players in some form and entered into a game server for payment of prizes. Winning numbers can be sent to a lottery website for a web presentation, to a TV station for a TV show, and to an on-line system or game server for prize selection and validation / payment. Also after the draw system is introduced, the games and lottery needs change over time, so the best draw system should be built to address the growth and be flexible to allow easy addition of games and game changes.

Trusted Raffle addresses all the above requirements while enforcing highest level of draw transparency and providing audit capability - thanks to Szrek2Solutions patented and certified RNG². After the draw, one can go back any time and verify that drawing was provided securely and honestly.

¹ Cases of faulty computerized drawing systems have been seen in Arizona Lottery, California Lottery, Tennessee Lottery and other lotteries, where for example a range of numbers was incorrect or some numbers or number combinations were excluded from draw, or because of programming mistakes the same numbers were drawn multiple times.

² RUN+A – Random Unpredictable Numbers with Audit, US patent # 6,934,846; RNG certified by GLI, Force Technology, La Sapienza University.